

Storm Data and Unusual Weather Phenomena - September 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
----------	-----------	-------------------	---------------------	------------------------

MINNESOTA, Southeast

(MN-Z079) WABASHA, (MN-Z088) WINONA, (MN-Z096) HOUSTON

09/10/13 06:00 CST	0	Drought
09/30/13 23:59 CST	0	

Severe drought conditions developed across portions of Houston, Wabasha and Winona Counties after a very dry summer. Precipitation deficits of 6 to 8 inches were common from July 1st through the end of September. This, combined with above normal temperatures over the last half of August into September, caused the soil moisture to rapidly diminish leading to the development of the severe drought. Some trees across southeast Minnesota became stressed because of the drought and dropped their leaves. Thus the display of fall colors had the potential to not be as brilliant as other years.

WISCONSIN, Southwest

CLARK COUNTY --- OWEN [44.95, -90.57]

09/01/13 04:24 CST	0	Hail (1.00 in)
09/01/13 04:24 CST	0	Source: Fire Department/Rescue

Hail ranged in size from three-quarters of an inch to one inch in Owen.

Isolated thunderstorms developed along a cold front during the early morning hours of September 1st across northern Wisconsin. One of these storms became strong enough to produce quarter sized hail in Owen (Clark County).

(WI-Z029) CLARK, (WI-Z032) BUFFALO, (WI-Z033) TREMPLEAU, (WI-Z034) JACKSON

09/03/13 06:00 CST	0	Drought
09/30/13 23:59 CST	0	

Severe drought conditions developed across portions of western Wisconsin after a very dry summer. Precipitation deficits of 6 to 8 inches were common from July 1st through the end of September. This, combined with above normal temperatures over the last half of August into September, caused the soil moisture to rapidly diminish leading to the development of the severe drought in portions of Buffalo, Clark, Jackson and Trempealeau Counties. Clark County has been one of the hardest hit counties by the drought. Corn was being chopped for silage since it never pollinated and thus did not develop any ears. Many farmers also did not get a third cutting of hay. Some trees across all of western Wisconsin became stressed because of the drought and dropped their leaves. Thus the display of fall colors had the potential to not be as brilliant as other years.

(WI-Z041) LA CROSSE, (WI-Z042) MONROE, (WI-Z043) JUNEAU, (WI-Z044) ADAMS, (WI-Z053) VERNON, (WI-Z055) RICHLAND

09/10/13 06:00 CST	0	Drought
09/30/13 23:59 CST	0	

Severe drought conditions developed across portions of western Wisconsin after a very dry summer. Precipitation deficits of 6 to 8 inches were common from July 1st through the end of September. This, combined with above normal temperatures over the last half of August into September, caused the soil moisture to rapidly diminish leading to the expansion of the severe drought into Adams, Juneau, La Crosse, Monroe, Richland and Vernon Counties. By the end of the month, enough rain had been received across southwest Wisconsin for the severe drought to end across Richland County. Some trees across all of western Wisconsin became stressed because of the drought and dropped their leaves. Thus the display of fall colors had the potential to not be as brilliant as other years.

CRAWFORD COUNTY --- 1.0 W WAUZEKA [43.08, -90.90]

09/19/13 14:30 CST	0	Hail (0.75 in)
09/19/13 14:30 CST	0	Source: Public

GRANT COUNTY --- 0.7 N BOSCOBEL [43.14, -90.70]

09/19/13 14:47 CST	3K	Thunderstorm Wind (EG 50 kt)
09/19/13 14:47 CST	0	Source: Law Enforcement

Trees and power lines were blown down in Boscobel.

RICHLAND COUNTY --- 0.7 S GOTHAM [43.21, -90.30]

09/19/13 15:20 CST	0.50K	Thunderstorm Wind (EG 50 kt)
09/19/13 15:20 CST	0	Source: Law Enforcement

Storm Data and Unusual Weather Phenomena - September 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Large tree branches were blown down onto power lines in Gotham.				
<hr/>				
LA CROSSE COUNTY --- 1.0 NE LA CROSSE [43.81, -91.23], 1.9 W HERRINGTON [43.78, -91.22], 1.8 ENE LA CROSSE [43.81, -91.22], 1.4 NE LA CROSSE [43.81, -91.23]				
	09/19/13 18:12 CST	0		Flood (due to Heavy Rain)
	09/19/13 19:00 CST	0		Source: NWS Employee

Locally heavy rain produced street flooding at several intersections across the city of La Crosse.

Thunderstorms developed along a cold front during the afternoon of September 19th across northeast Iowa. These storms intensified as they moved into southwest Wisconsin where they dumped dime sized hail on Wauzeka (Crawford County) and blew trees and power lines down in Boscobel (Grant County).